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Age-related changes in motor control during articulator visuomotor tracking. Ballard, K. J., Robin, D. A., Woodworth, G., & Zimba, L. D. 44(4), 763–777.
An alternate MLU calculation: Magnitude and variability of effects. Johnston, J. R. 44(1), 156–164.
Ambiguity and algorithms in diagnosing early stuttering: Comments on Ambrose and Yairi (1999). Onslow, M., & Packman, A. 44(3), 593–594.
Beginning to talk at 20 months: Early vocal development in a young cochlear implant recipient. Ertmer, D. J., & Mellon, J. A. 44(1), 192–206.
Clinicoanatomic studies in dysarthria: Review, critique, and directions for research. Kent, R. D., Duffy, J. R., Slama, A., Kent, J. F., & Clift, A. 44(3), 535–551.
A comparison of self-reported hearing loss and audiometry in a cohort of New York farmers. Gomez, M. I., Hwang, S-A., Sobotova, L., Stark, A. D., & May, J. J. 44(6), 1201–1208.
Complex syntax production of African American preschoolers. Jackson, S. C., & Roberts, J. E. 44(5), 1083–1096.
Consistency of voice produced by patients with adductor spasmodic dysphonia: A preliminary investigation. Cimino-Knight, A. M., & Sapienza, C. M. 44(4), 793–802.
Consonant cluster development in two-year-olds: General trends and individual difference. McLeod, S., van Doorn, J., & Reed, V. A. 44(5), 1144–1171.
Control of vocal loudness in young and old adults. Baker, K. K., Ramig, L. O., Sapir, S., Luschei, E. S., & Smith, M. E. 44(2), 297–305.
Covariation of cochlear implant users' perception and production of vowel contrasts and their identification by listeners with normal hearing. Vick, J. C., Lane, H., Perkell, J. S., Matthies, M. L., Gould, J., & Zandipour, M. 44(6), 1257–1267.
Detection of irregular verb violations by children with and without SLI. Redmond, S. M., & Rice, M. L. 44(3), 655–669.

Developmental change in auditory preferences for speech stimuli in Japanese infants. Hayashi, A., Tamekawa, Y., & Kiritani, S. 44(6), 1189–1200.
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Effects of CIC hearing aids on auditory localization by listeners with normal hearing. D'Angelo, W. R., Bolia, R. S., Mishler, P. J., & Morris, L. J. 44(6), 1209–1214.
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Effects of discourse context on the intelligibility of synthesized speech for young adult and older adult listeners: Applications for AAC. Drager, K. D. R., & Reichle, J. E. 44(5), 1052–1057.
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Effects of frequency-shifted auditory feedback on fundamental frequency of long stressed and unstressed syllables. Natke, U., & Kalveram, K. T. 44(3), 577–584.
Effects of levodopa on laryngeal muscle activity for voice onset and offset in Parkinson disease. Gallena, S., Smith, P. J., Zeffiro, T., & Ludlow, C. L. 44(6), 1284–1299.
Effects of linguistic cues and stimulus cohesion on intelligibility of severely dysarthric speech. Hustad, K. C., & Beukelman, D. R. 44(3), 497–510.
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Effects of speaking rate on the control of vocal fold vibration: Clinical implications of active and passive aspects of devoicing. Boucher, V., & Lamontagne, M. 44(5), 1005–1014.
Effects of syllable affiliation and consonant voicing on temporal adjustment in a repetitive speech-production task. de Jong, K. J. 44(4), 826–840.
Effects of vowel height and vocal intensity on anticipatory nasal airflow in individuals with normal speech. Young, L. H., Zajac, D. J., Mayo, R., & Hooper, C. R. 44(1), 52–60.
Emergence of a vowel system in a young cochlear implant recipient. Ertmer, D. J. 44(4), 803–813.
Enhanced speechreading in deaf adults: Can short-term training/practice close the gap for hearing adults? Bernstein, L. E., Auer, E. T., Jr., & Tucker, P. E. 44(1), 5–18.
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Evaluation of a stuttering treatment based on reduction of short phonation intervals. Ingham, R. J., Kilgo, M., Ingham, J. C., Moglia, R., Belknap, H., & Sanchez, T. 44(6), 1229–1244.
An evaluation of the effects of two treatment approaches for teachers with voice disorders: A prospective randomized clinical trial. Roy, N., Gray, S. D., Simon, M., Dove, H., Corbin-Lewis, K., & Stemple, J. C. 44(2), 286–296.
Familial aggregation in specific language impairment. Tallal, P., Hirsch, L. S., Realpe-Bonilla, T., Miller, S., Brzustowicz, L. M., Bartlett, C., & Flax, J. F. 44(5), 1172–1182.
General slowing in language impairment: Methodological considerations in testing the hypothesis. Windsor, J., Milbrath, R. L., Carney, E. J., & Rakowski, S. E. 44(2), 446–461.
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Modeling tongue surface contours from Cine-MRI images. Stone, M., Davis, E. P., Douglas, A. S., Ness Aiver, M., Gullapalli, R., Levine, W. S., & Lundberg, A. J. 44(5), 1026–1040.
The modification of speech naturalness during rhythmic stimulation treatment of stuttering. Ingham, R. J., Sato, W., Finn, P., & Belknap, H. 44(4), 841–852.
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Perceptual weighting of relative amplitude and formant transition cues in aided CV syllables. Hedrick, M., & Younger, M. S. 44(5), 964–974.
Perspectives on stuttering: Response to Onslow & Packman (2001). Ambrose, N. G., & Yairi, E. 44(3), 595–597.
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A quantitative output-cost ratio in voice production. Berry, D. A., Verdolini, K., Montequin, D. W., Hess, M. M., Chan, R. W., & Titze, I. R. 44(1), 29–37.
Rapid auditory processing and phonological ability in normal readers and readers with dyslexia. Marshall, C. M., Snowling, M. J., & Bailey, P. J. 44(4), 925–940.
Recognition of speech produced in noise. Pittman, A. L., & Wiley, T. L. 44(3), 487–496.
Recovery from early stuttering: Additional issues within the Onslow & Packman—Yairi & Ambrose (1999) exchange. Ingham, R. J., & Bothe, A. K. 44(4), 862–867.
The relationship between perception and acoustics for a high-low vowel contrast produced by speakers with dysarthria. Bunton K., & Weismer, G. 44(6), 1215–1228.
Relationships among speech perception, production, language, hearing loss, and age in children with impaired hearing. Blamey, P. J., Sarant, J. Z., Paatsch, L. E., Barry, J. G., Bow, C. P., Wales, R. J., Wright, M., Psarros, C., Rattigan, K., & Tooher, R. 44(2), 264–285.
Relative kinematics of the rib cage and abdomen during speech and nonspeech behaviors of 15-month-old children. Moore, C. A., Caulfield, T. J., & Green, J. R. 44(1), 80–94.
Relative treatment effects of two prelinguistic communication interventions on language development in toddlers with developmental delays vary by maternal characteristics. Yoder, P. J., & Warren, S. F. 44(1), 224–237.
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Speech and prosody characteristics of adolescents and adults with high-functioning autism and Asperger syndrome. Shriberg, L. D., Paul, R., McSweeny, J. L., Klin, A., Cohen, D. J., & Volkmar, F. R. 44(5), 1097–1115.
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Speech motor stability in IPD: Effects of rate and loudness manipulations. Kleinow, J., Smith, A., & Ramig, L. O. 44(5), 1041–1051.
Speed of processing in children with specific language impairment. Miller, C. A., Kail, R., Leonard, L. B., & Tomblin, J. B. 44(2), 416–433.
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Voice activity and participation profile: Assessing the impact of voice disorders on daily activities. Ma, E. P-M., & Yiu, E. M-L. 44(3), 511–524.
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